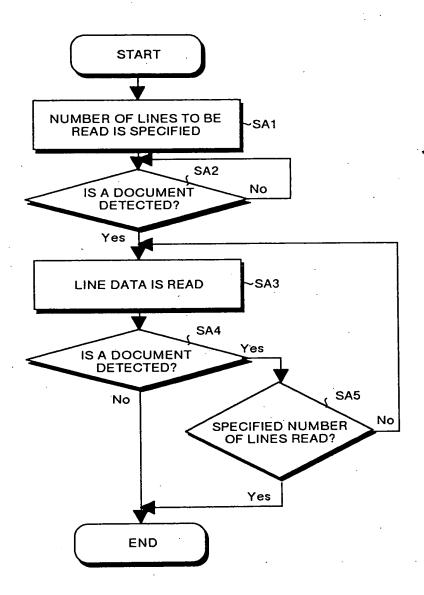
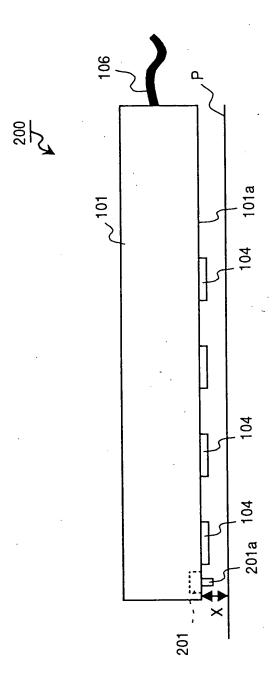
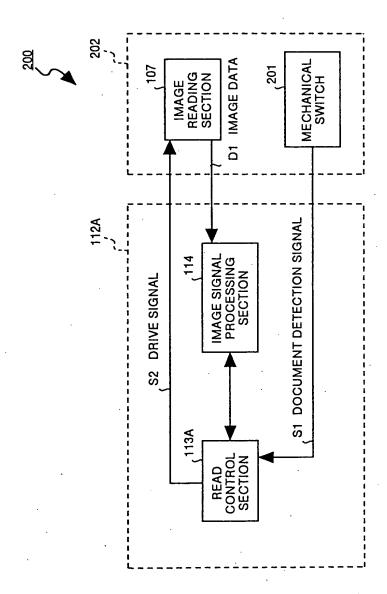


FIG.4







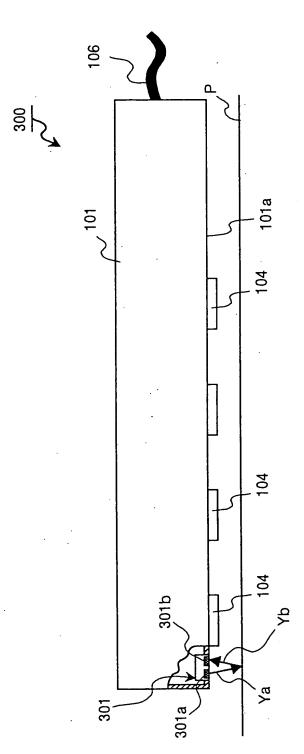
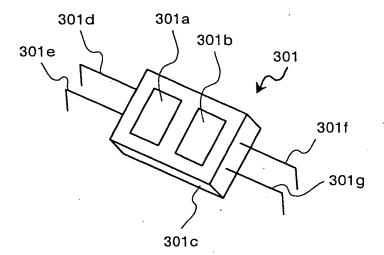
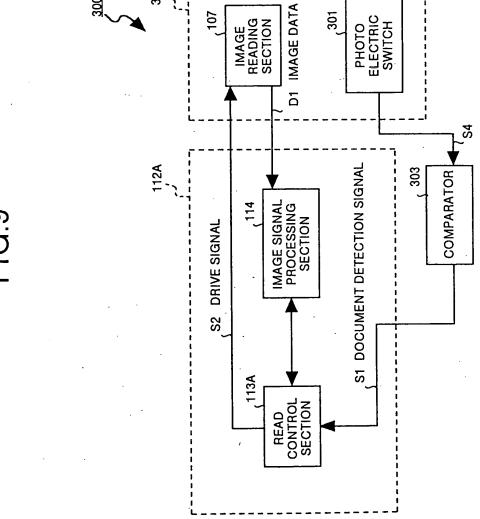


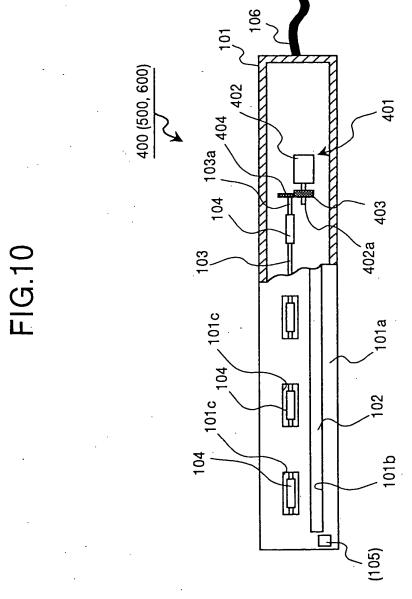
FIG.7

FIG.8





<u>FIG.9</u>





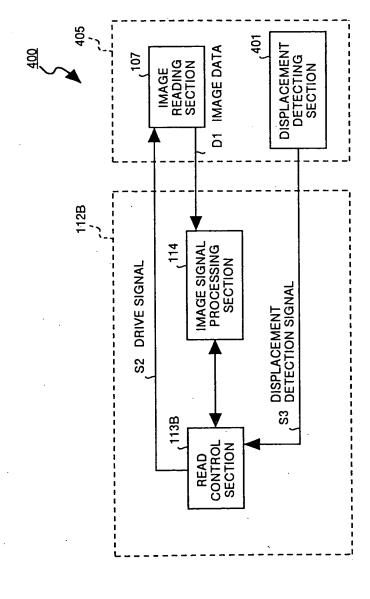
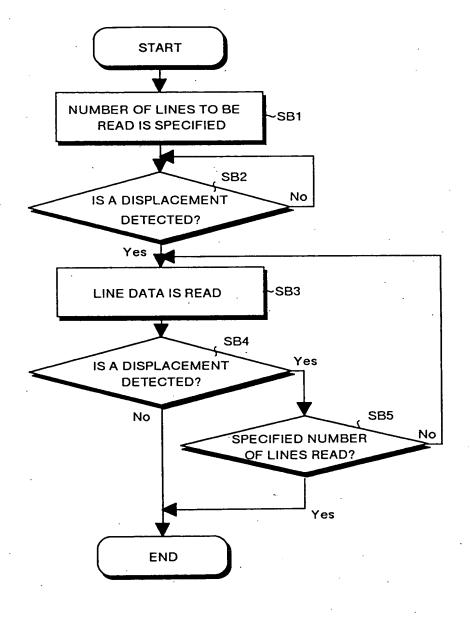


FIG.12



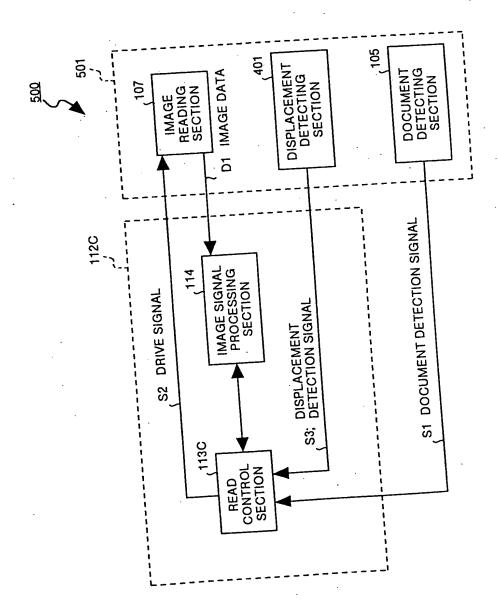
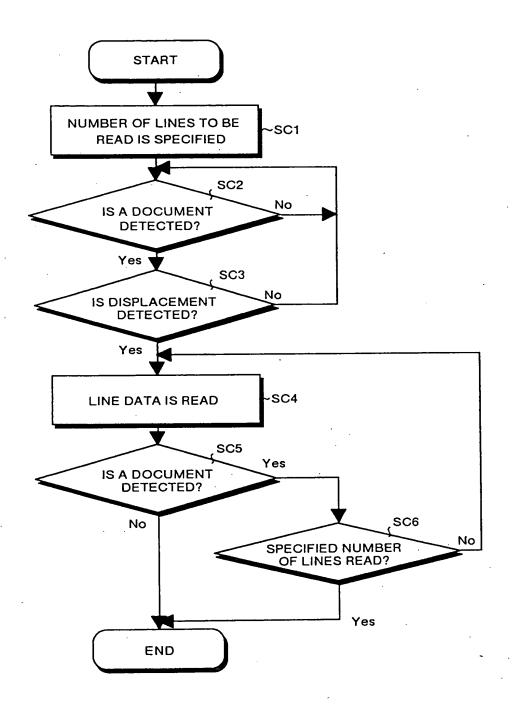


FIG.13

FIG.14





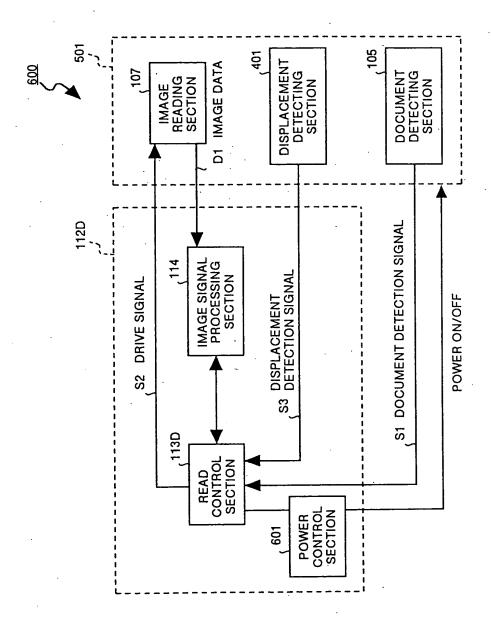
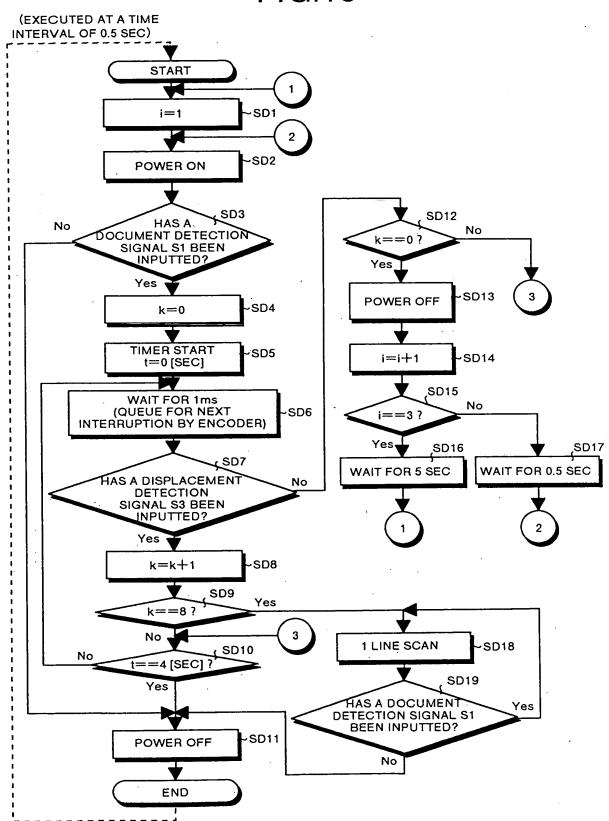


FIG.16





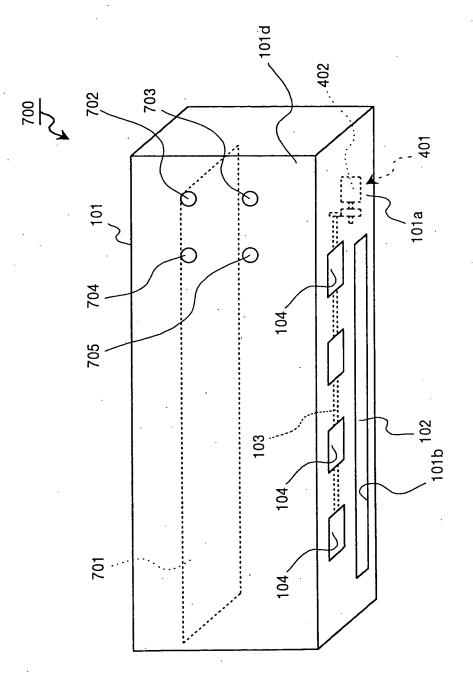
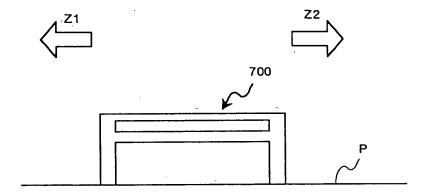
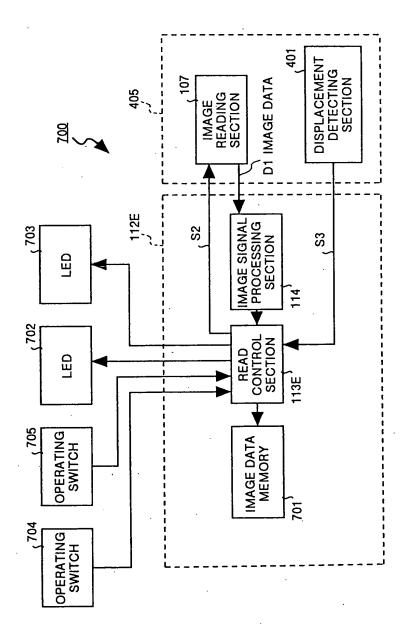
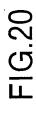


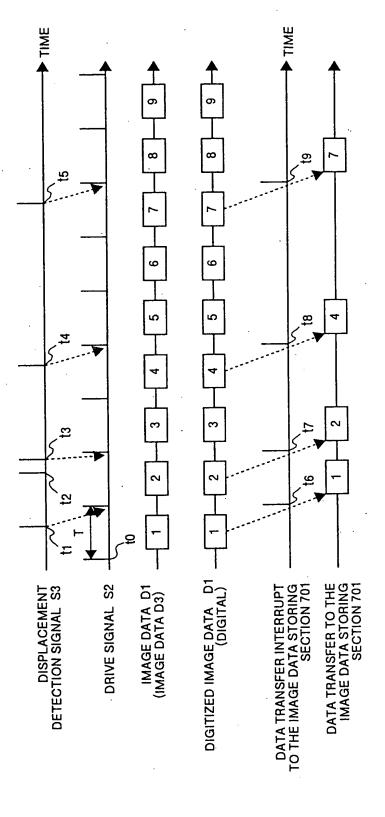
FIG.18











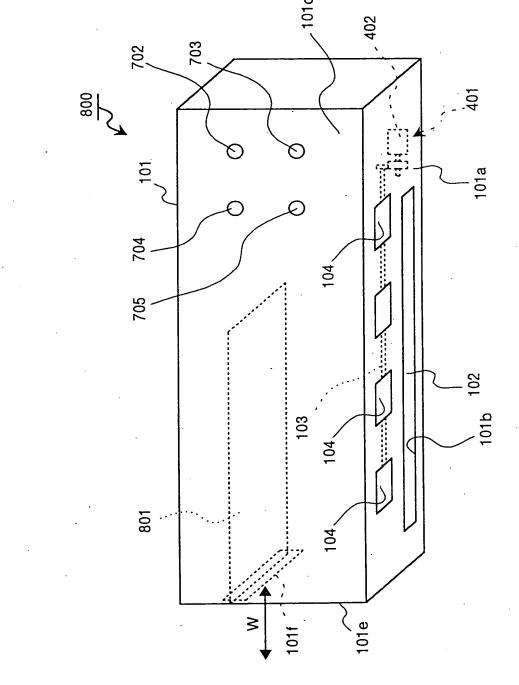
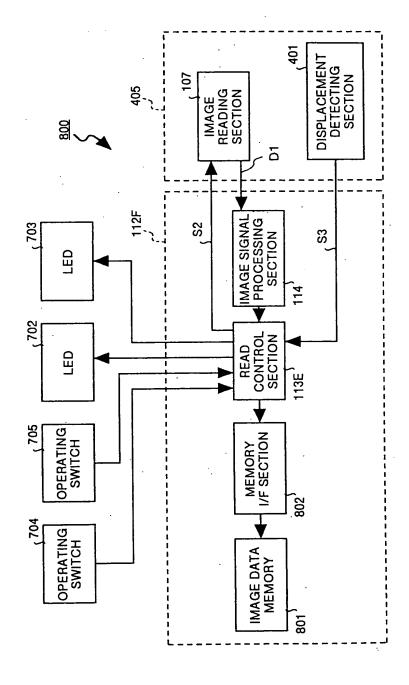


FIG.21





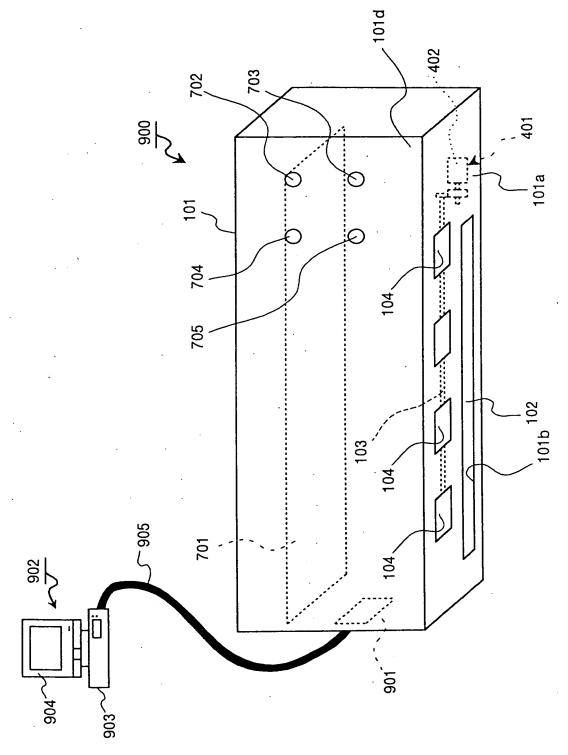
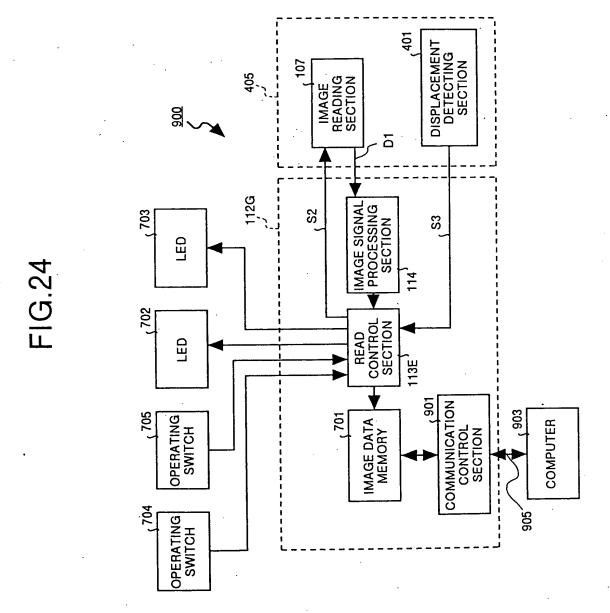


FIG.23



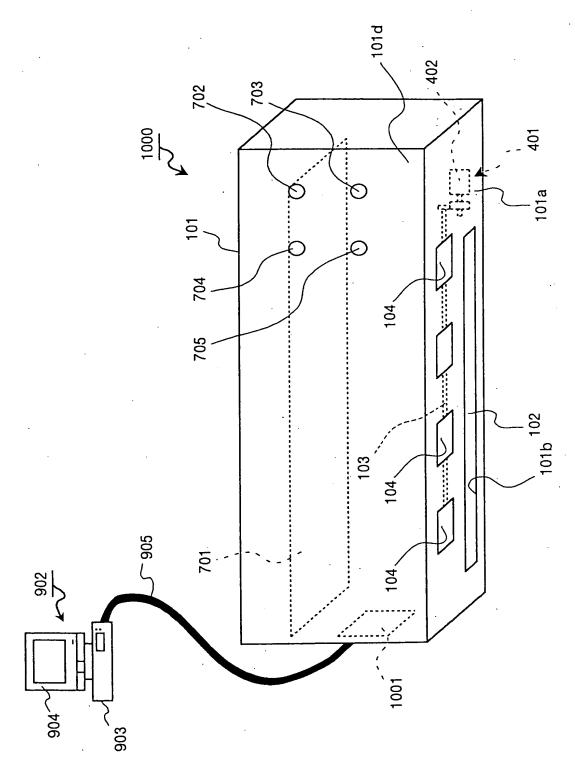
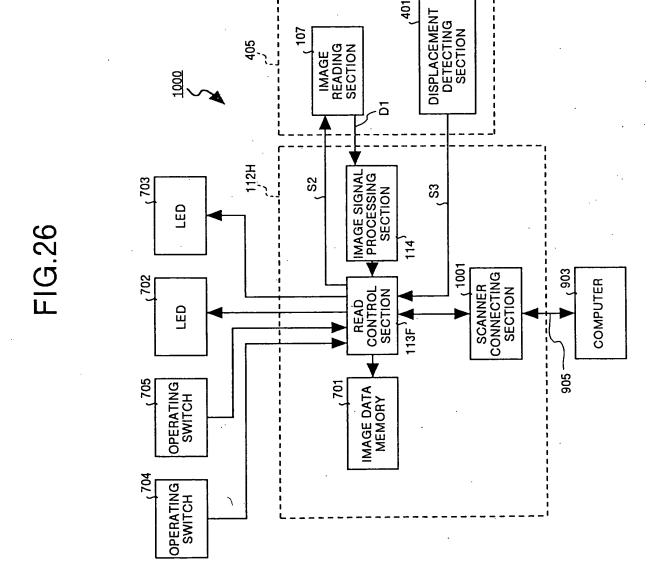


FIG.25



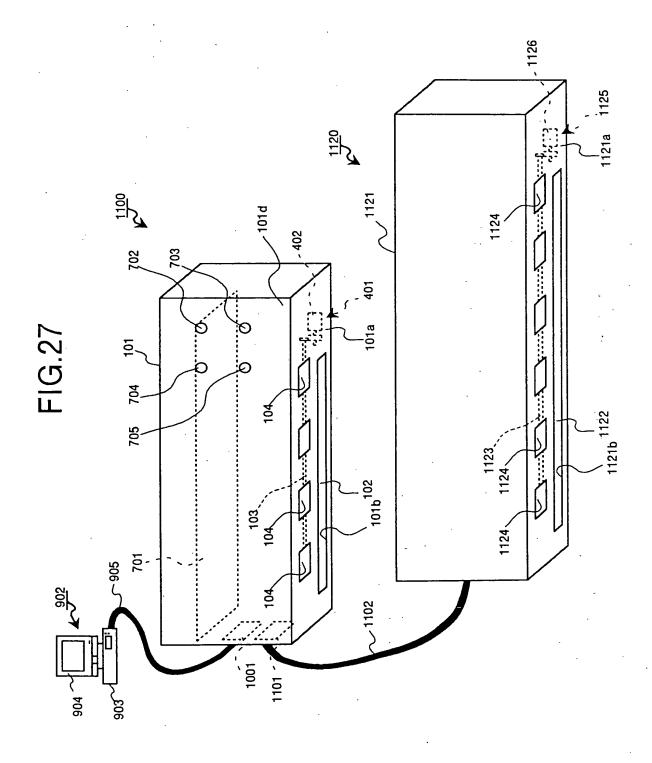
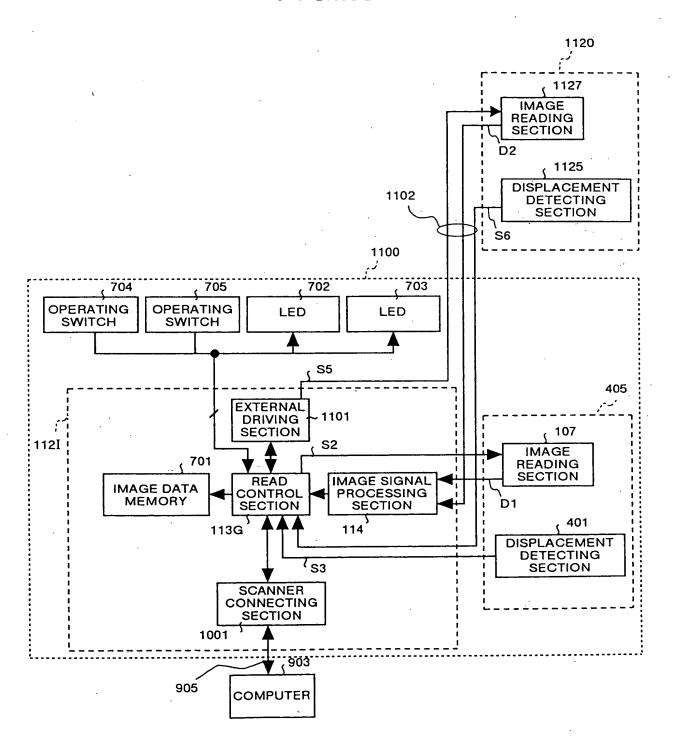


FIG.28



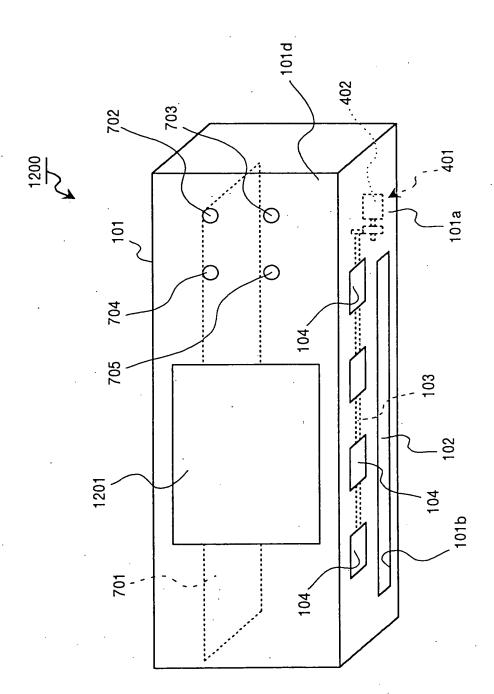
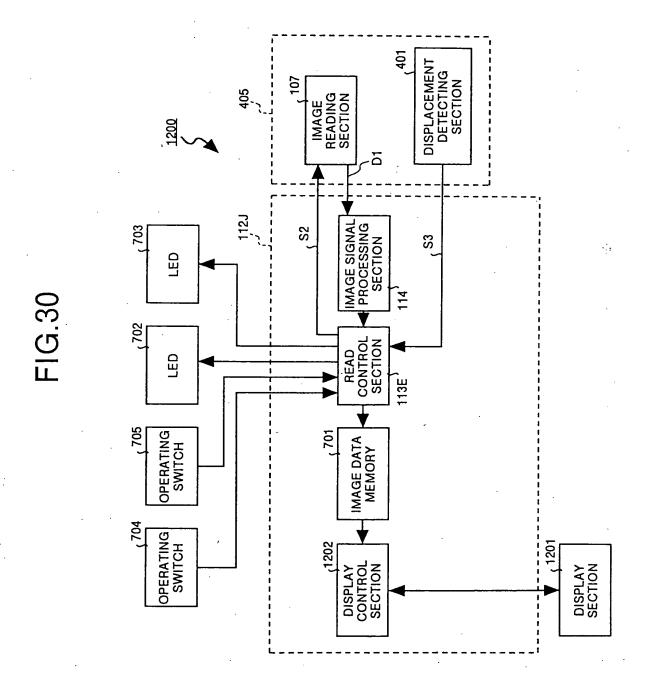
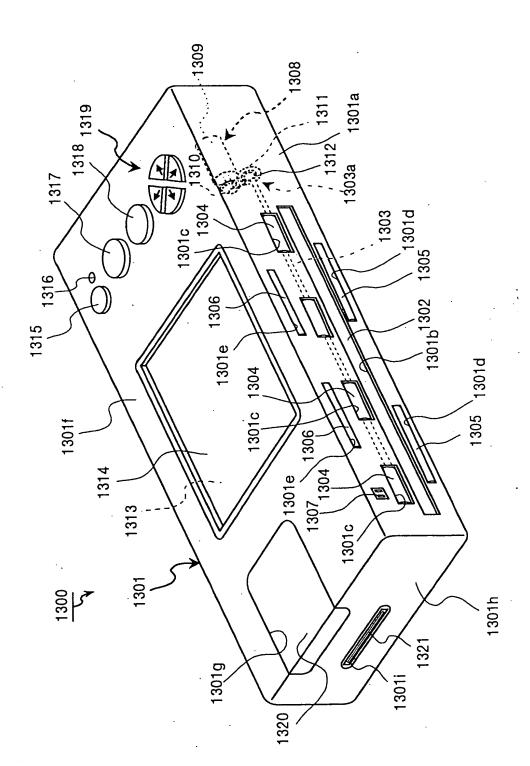
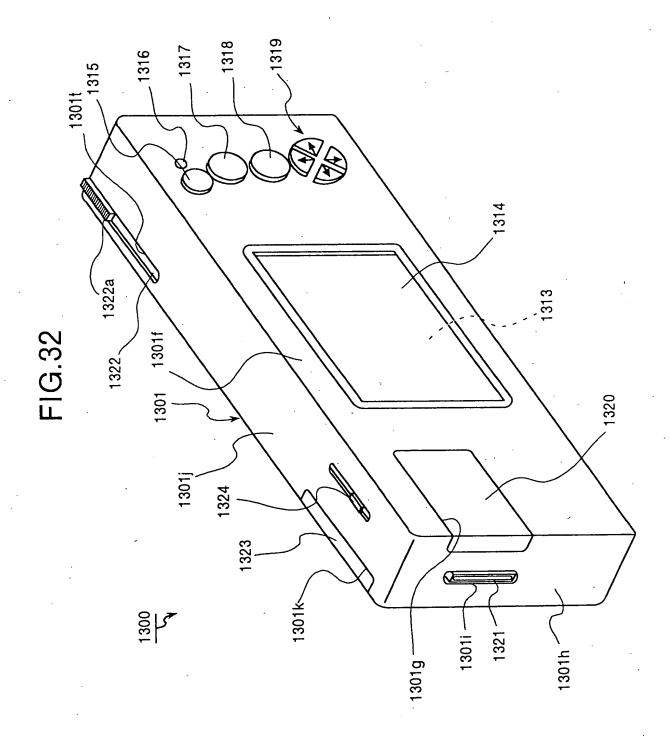


FIG.29









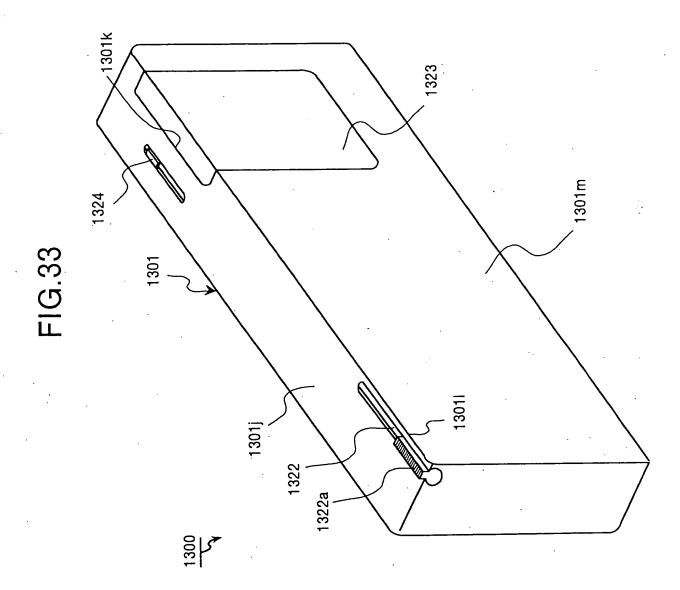
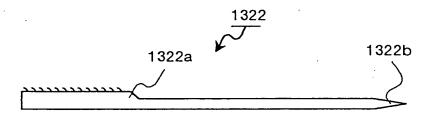


FIG.34





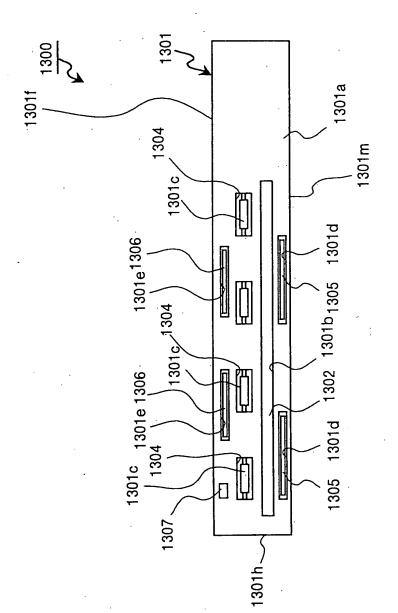


FIG.36

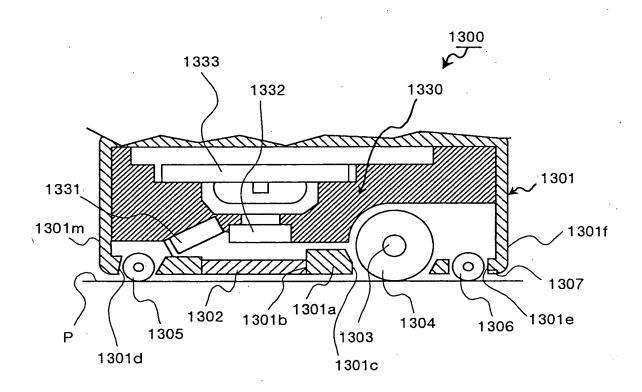


FIG.37

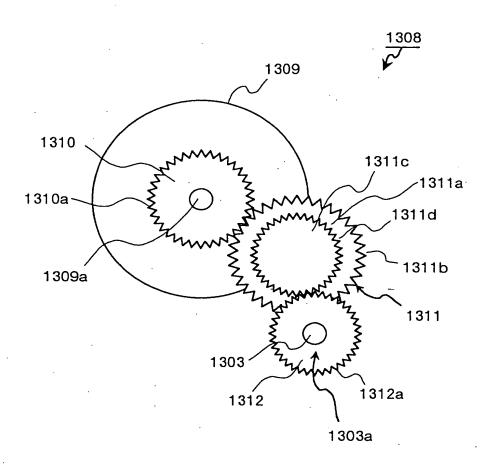
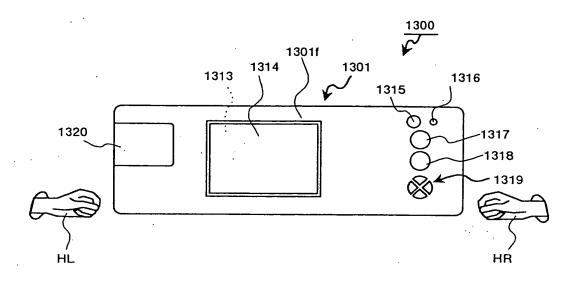


FIG.38



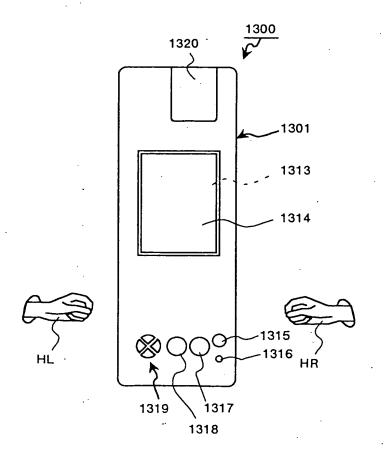
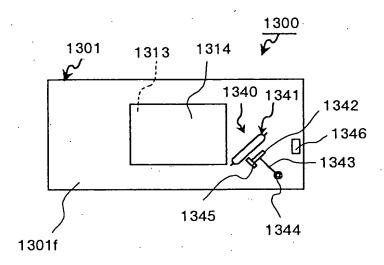


FIG.39



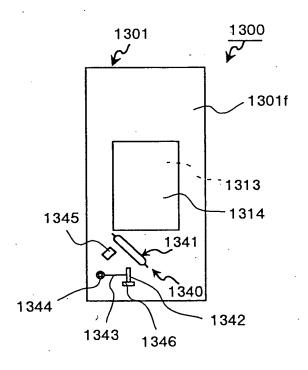


FIG.40

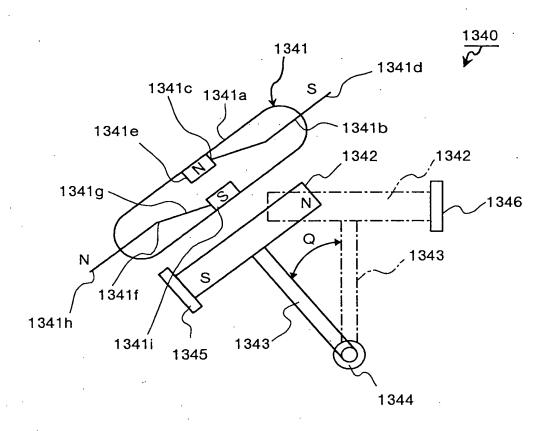


FIG.41

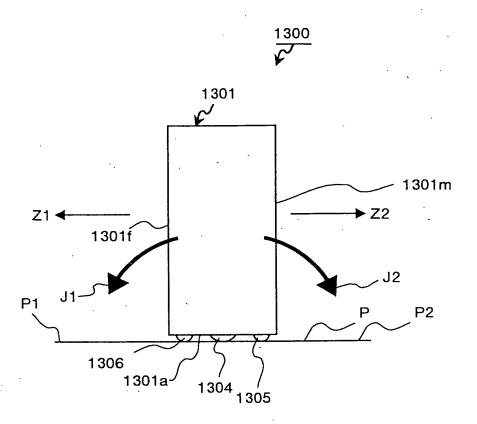


FIG.42

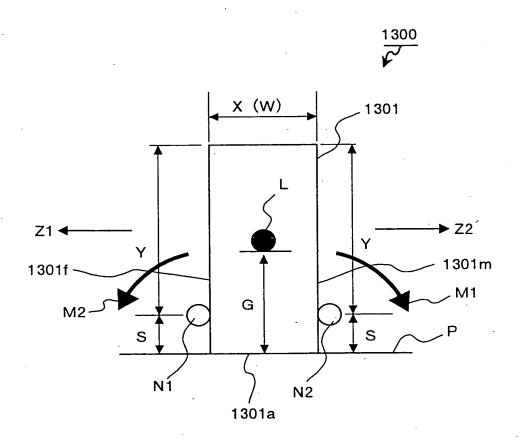
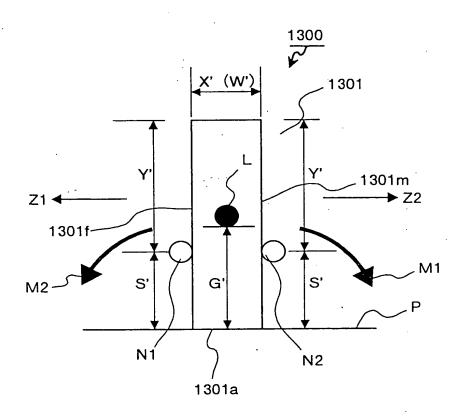
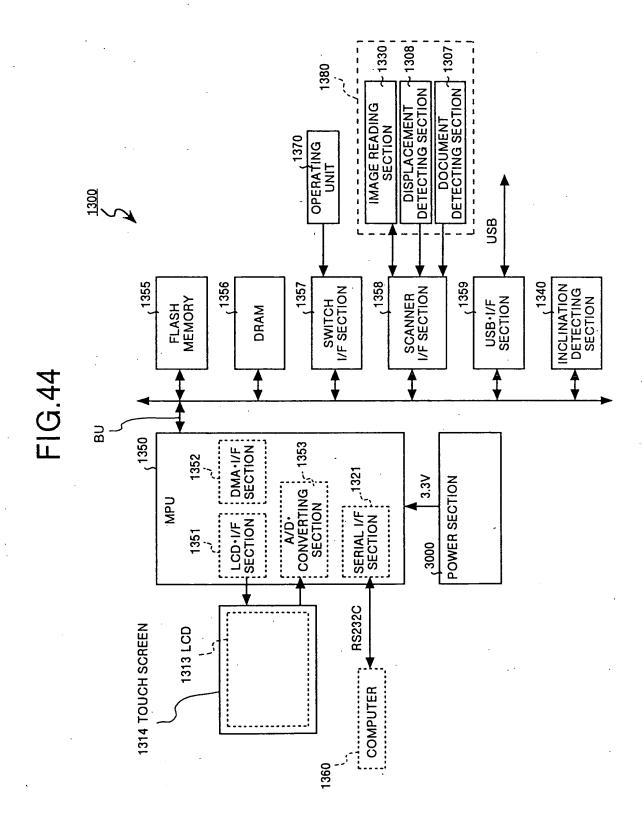
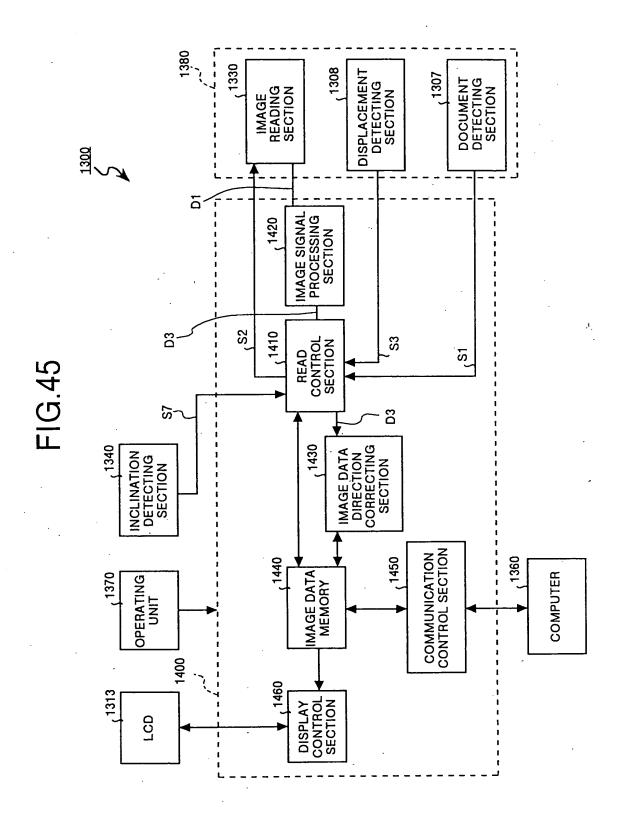


FIG.43







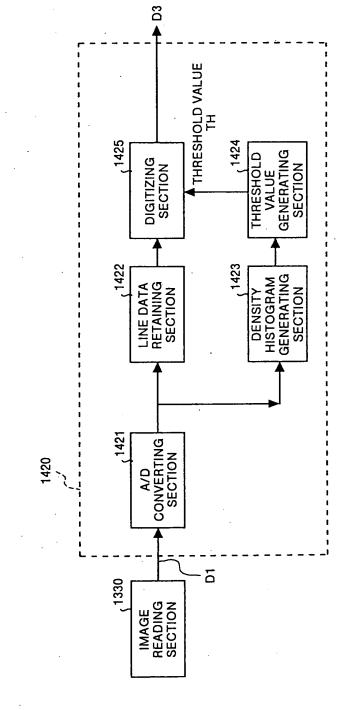
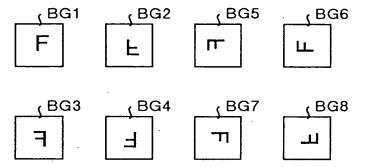


FIG.47



SEPARATED CHARACTER IMAGE

PROPERLY ORIENTATED CHARACTER IMAGE

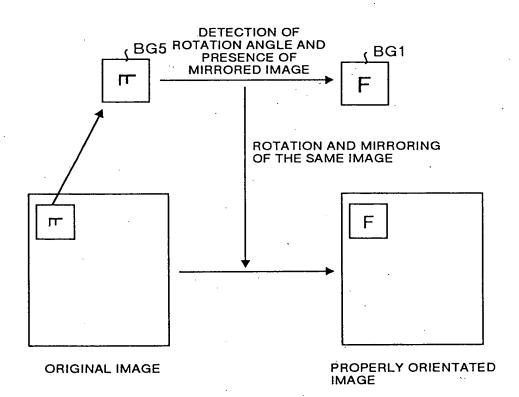
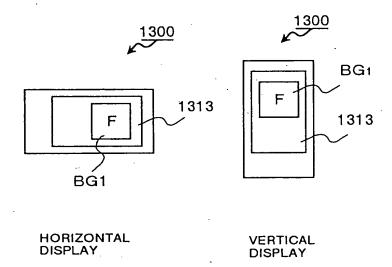
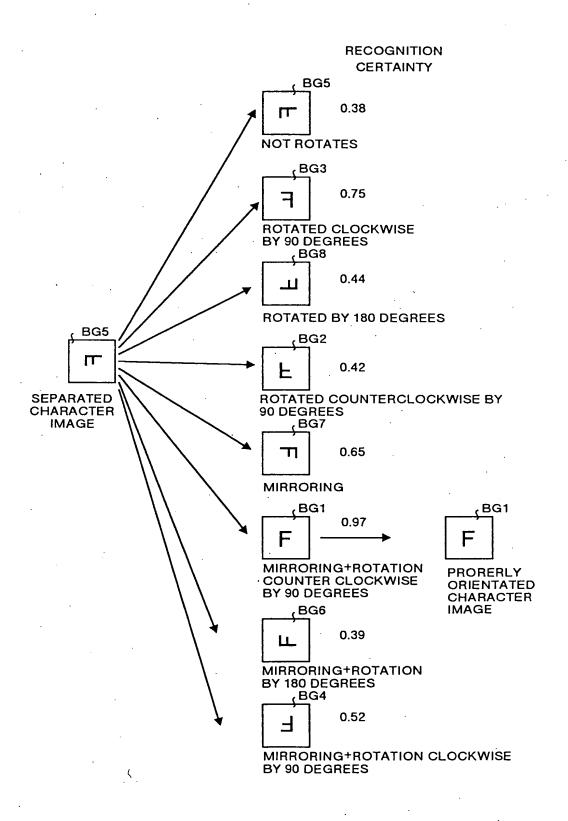


FIG.49





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DOCUMENT DE		MAGES Pu		SIZE IN THE VERTICAL DIRECTION	Ih
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		DIRECTION		ATTRIBUTE	Ia
DATE OF PREPARATION Ddc		NUMBER OF PIXELS Ph	····	DISPLAY POSITION	Ix, Iy
g	••••		·	NUMBER OF CONTRACTED LAYERS	JI.
OF PAGES		INFORMATION	•	CONTRACTION RATIO OF DISPLAY	Is
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		IMAGE DATA I		DIVISION RATIO	<u>-</u> -
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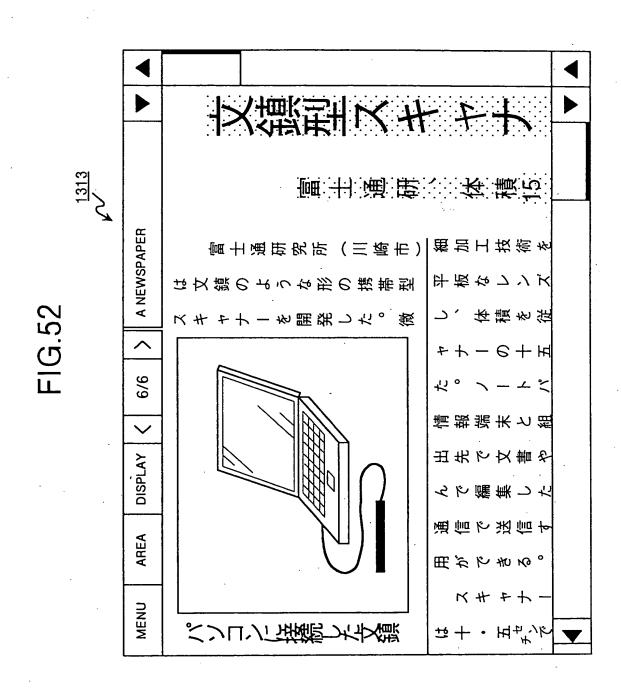


FIG.53

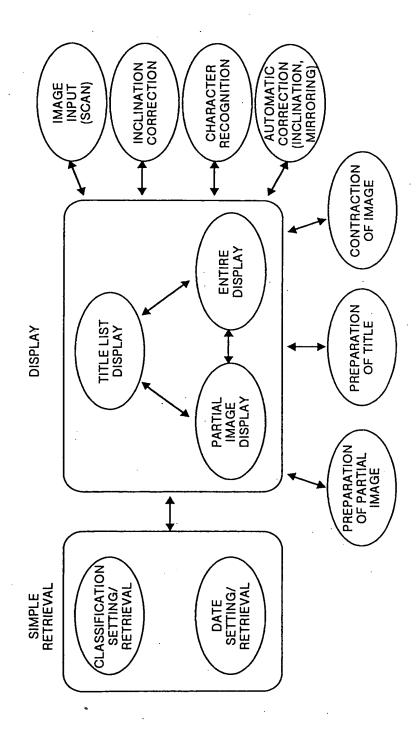


FIG.54

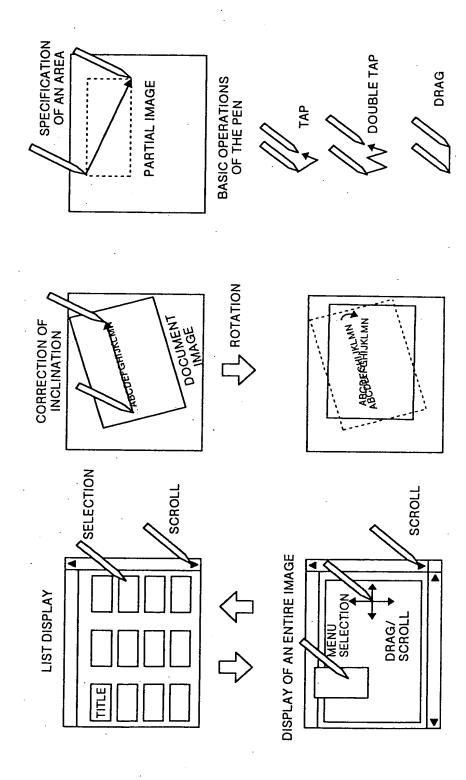
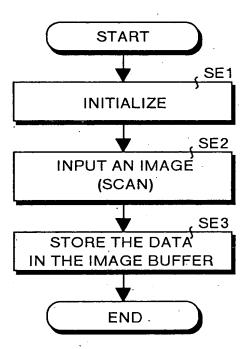


FIG.55



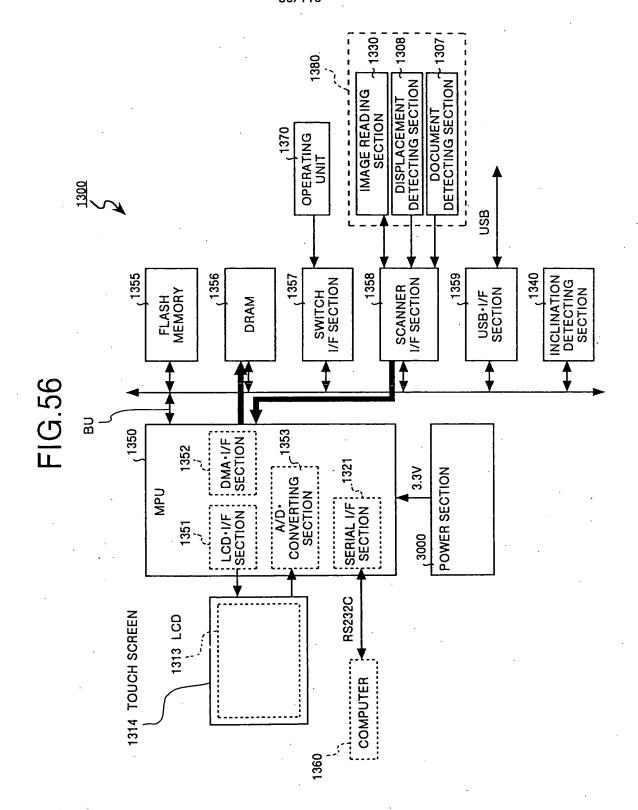


FIG.57

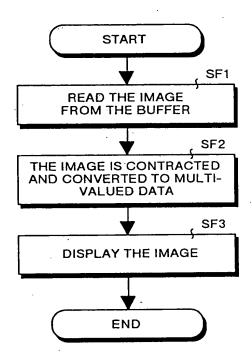
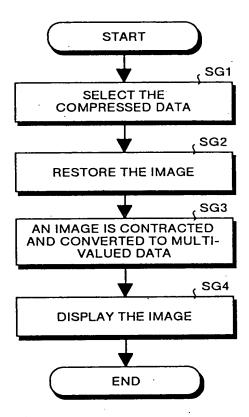


FIG.58



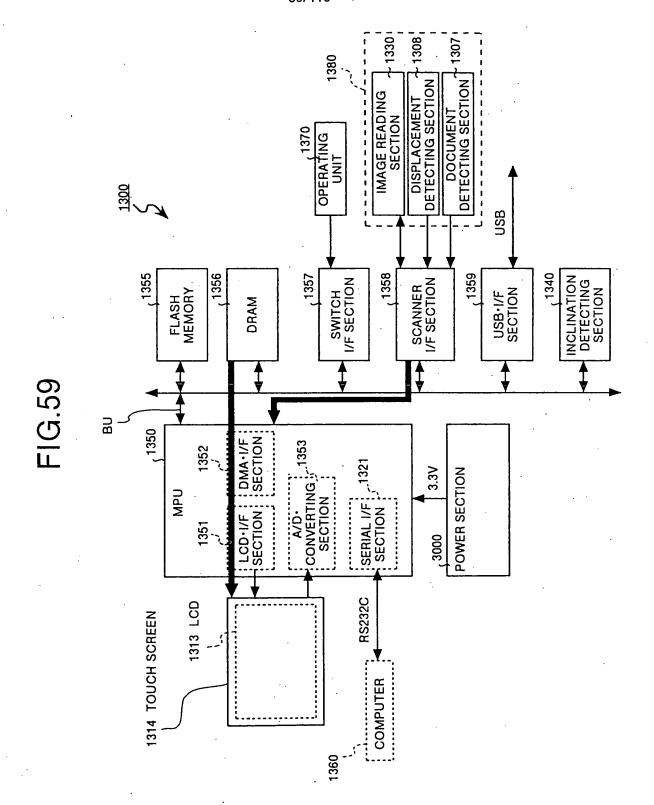
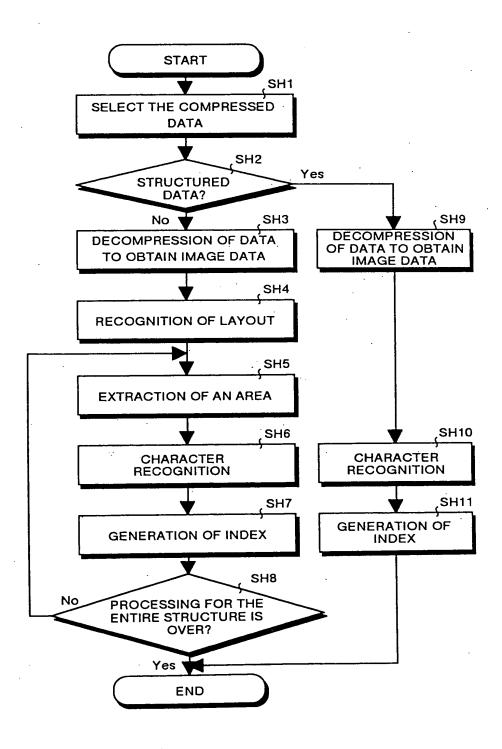


FIG.60



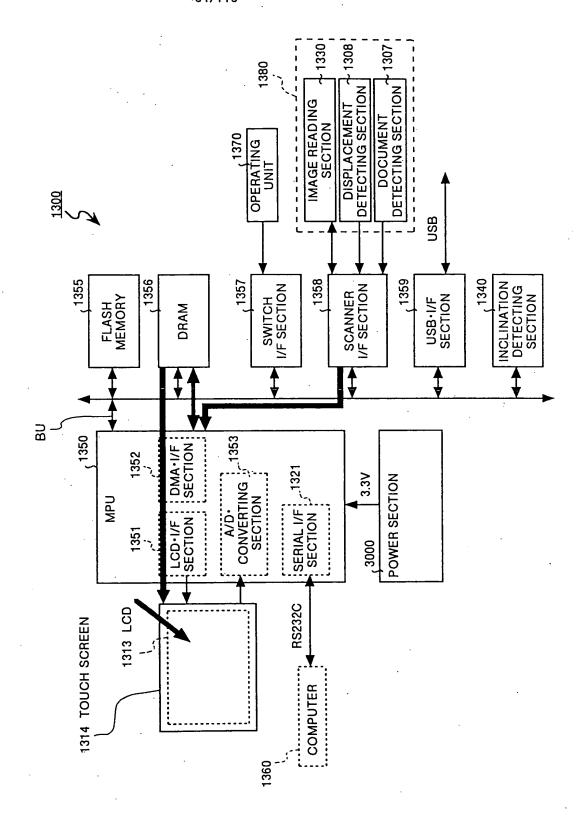


FIG.61

FIG.62

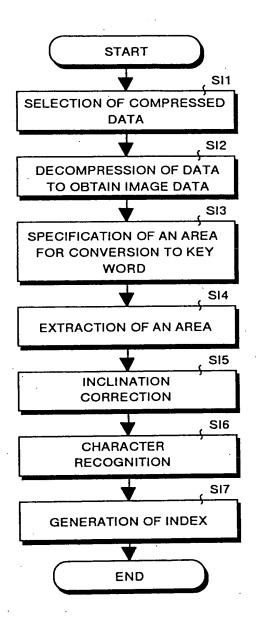


FIG.63

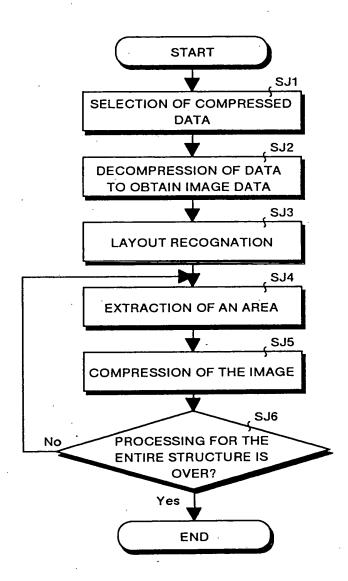


FIG.64

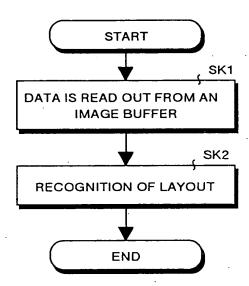
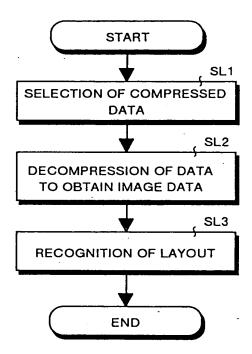


FIG.65



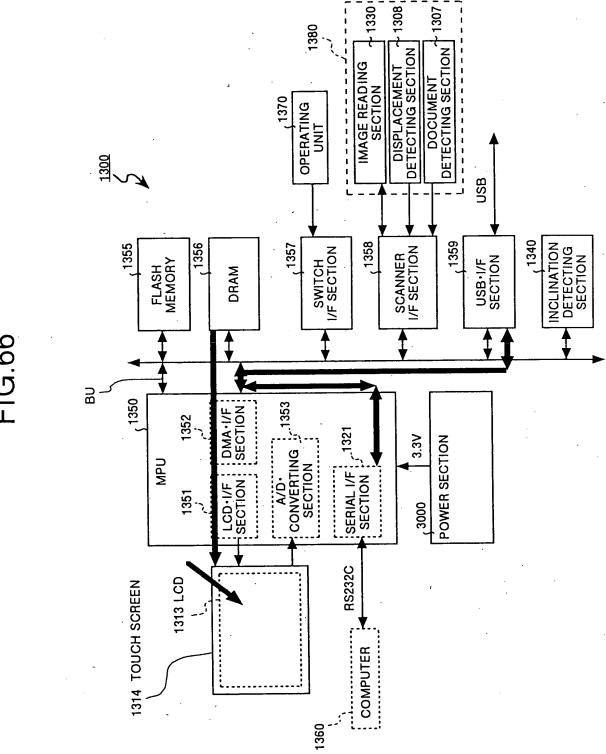
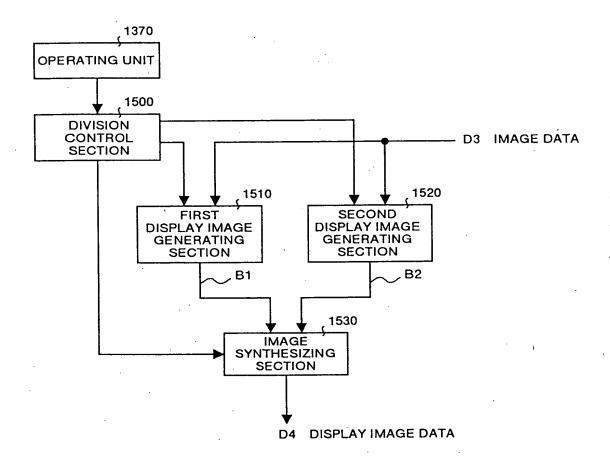
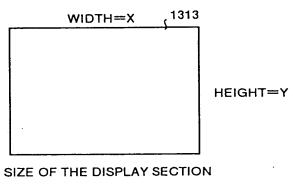
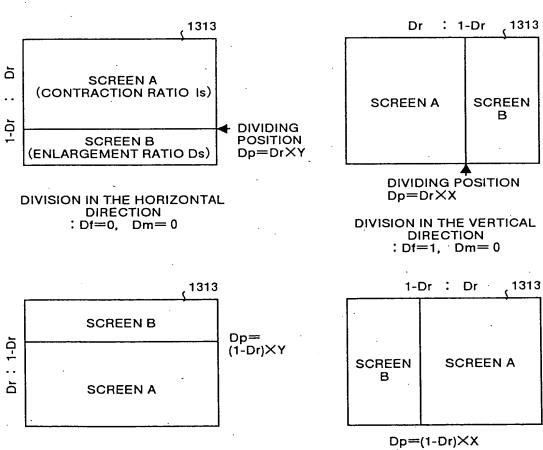


FIG.66

FIG.67







DIVISION IN THE HORIZONTAL

DIRECTION

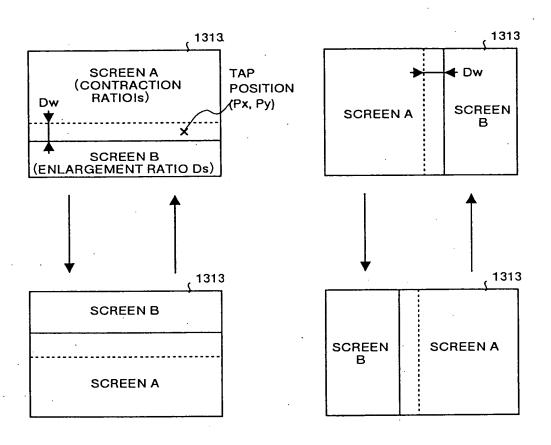
: Df=0, Dm=1

DIVISION IN THE VERTICAL

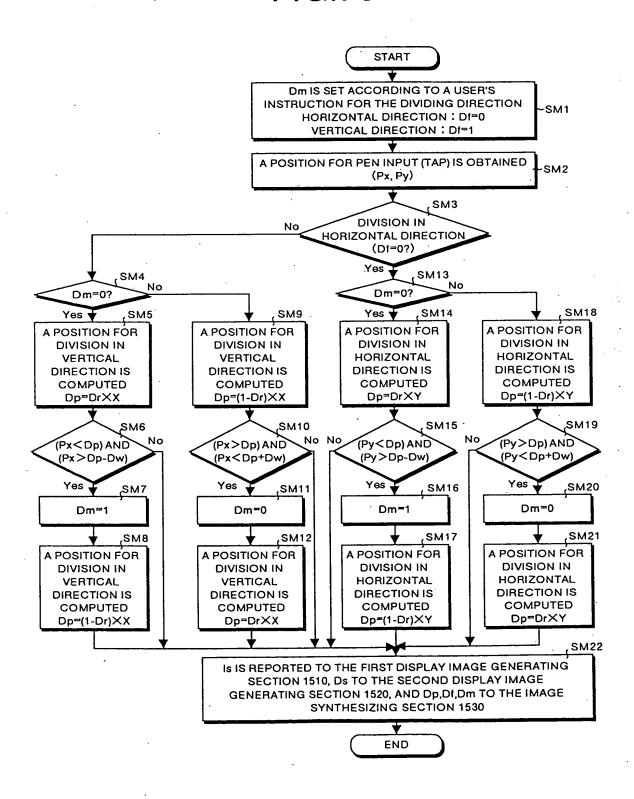
DIRECTION

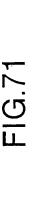
: Df=1, Dm=1

FIG.69



SCREEN SWITCHING IN THE HORIZONTAL DIVISION MODE SCREEN SWITCHING IN THE VERTICAL DIVISION MODE





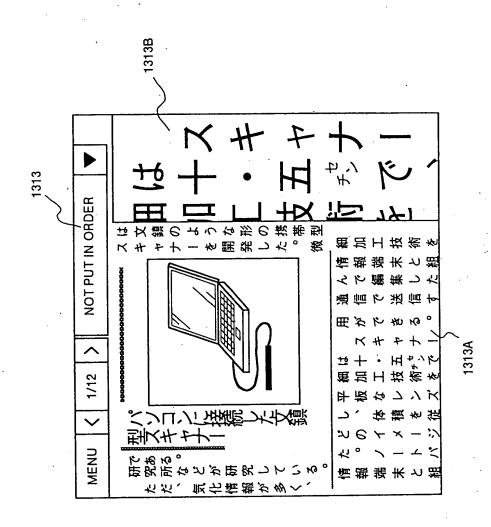
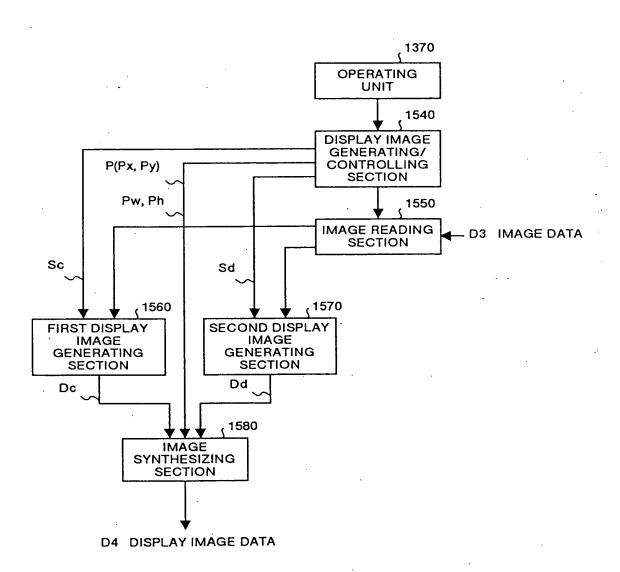


FIG.72



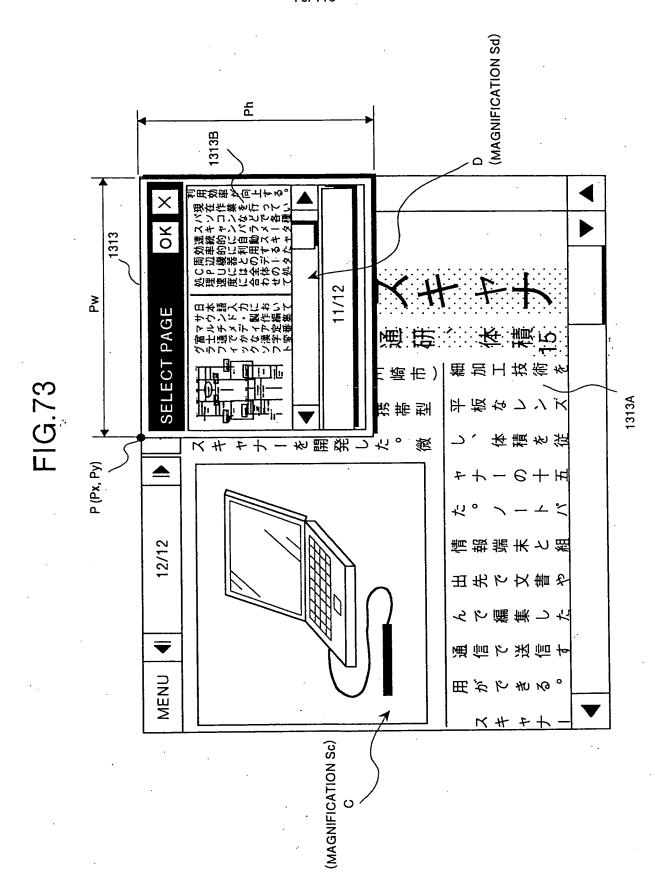
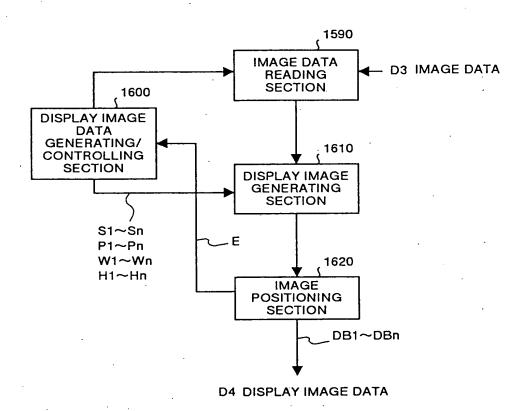


FIG.74





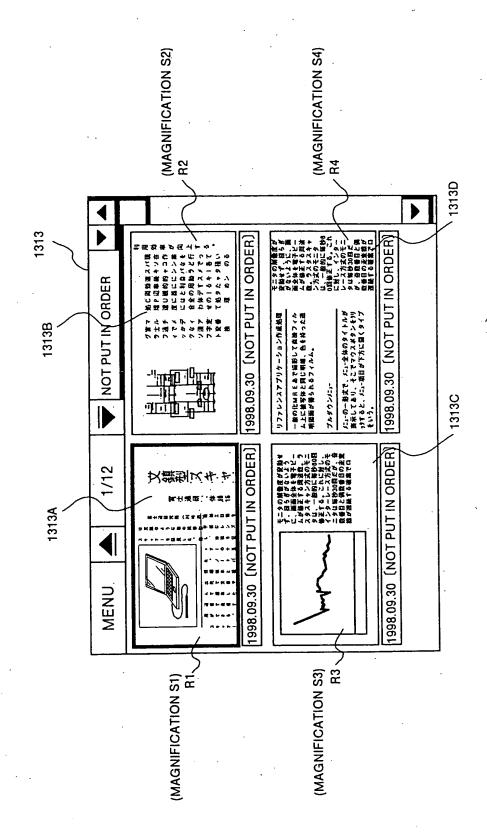
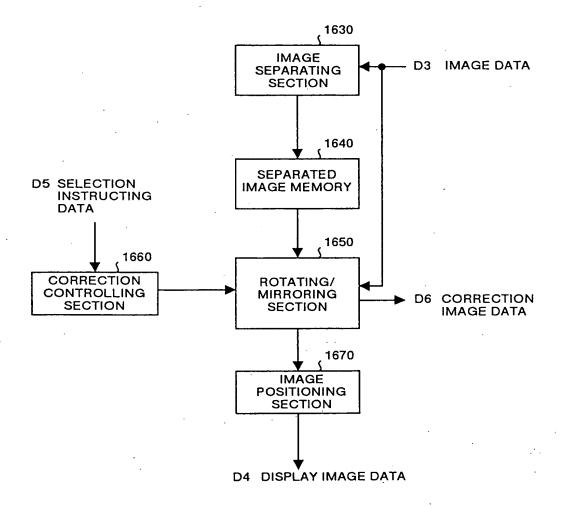
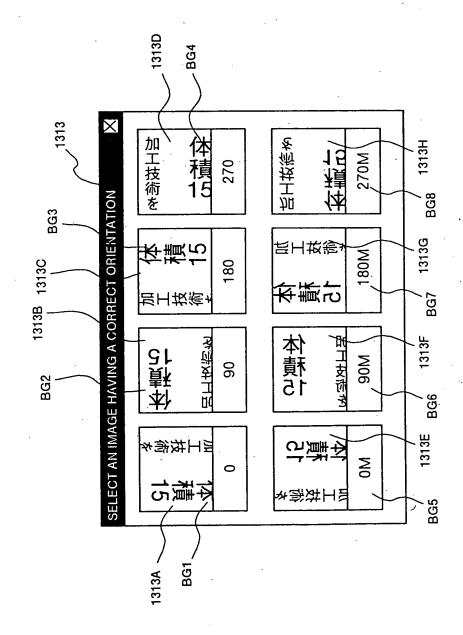


FIG.76









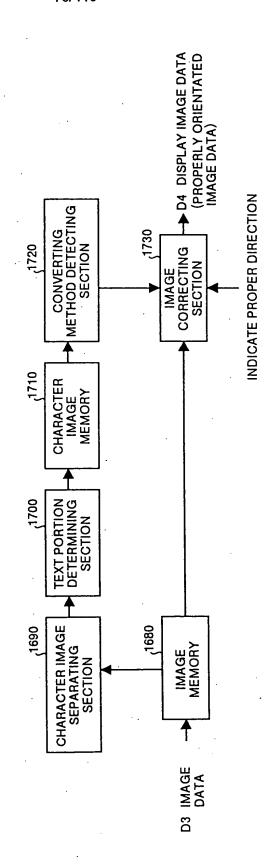
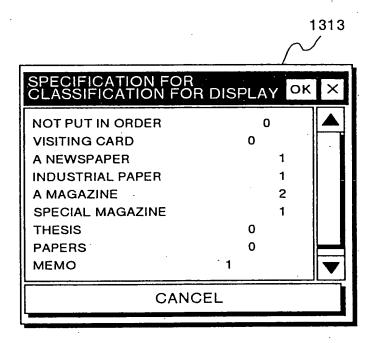
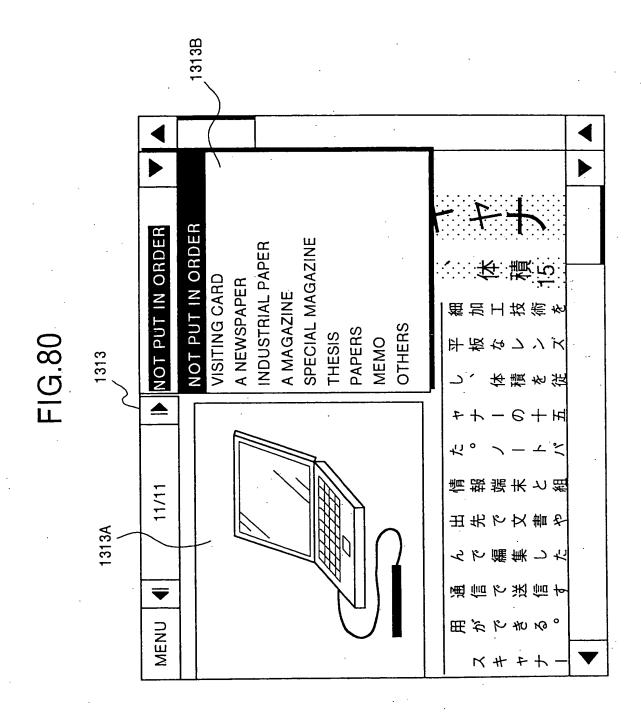
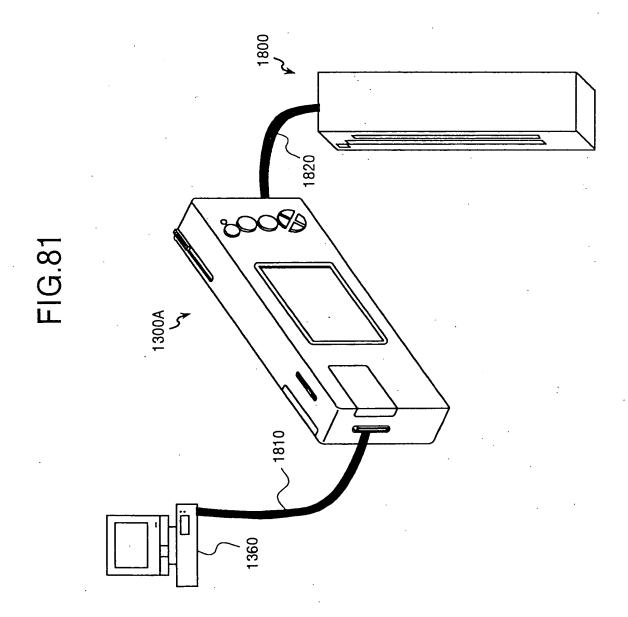
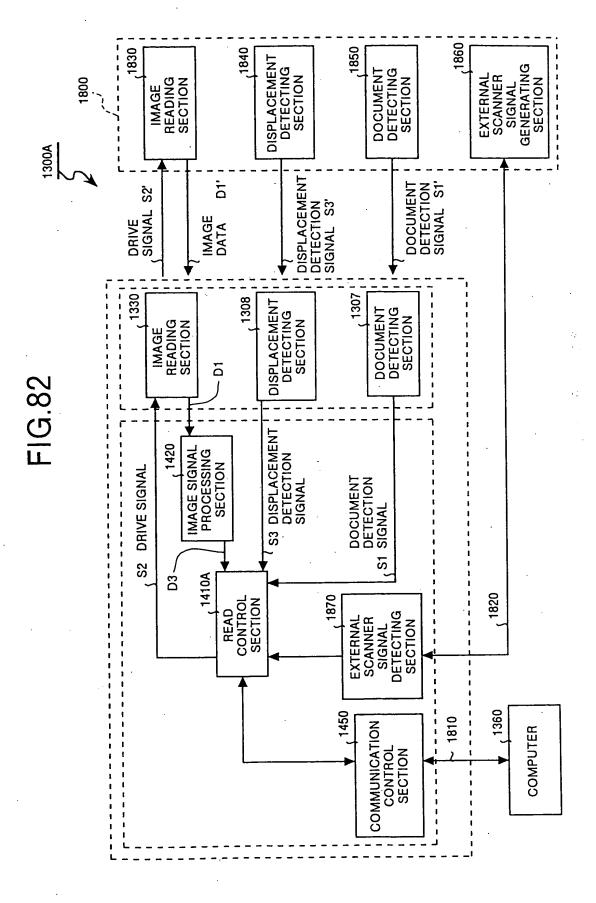


FIG.79









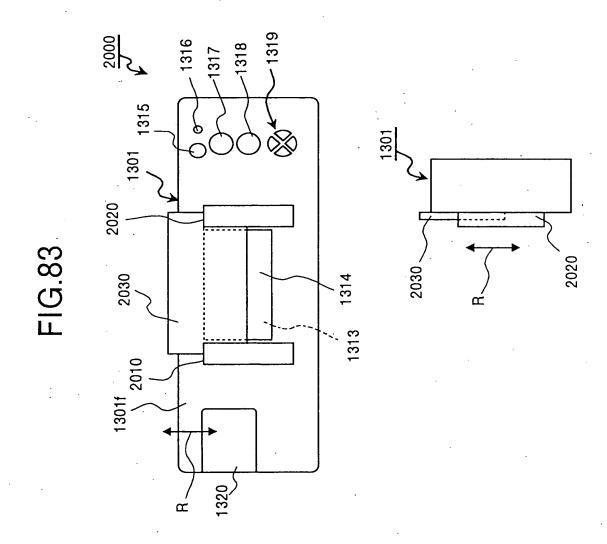


FIG.84

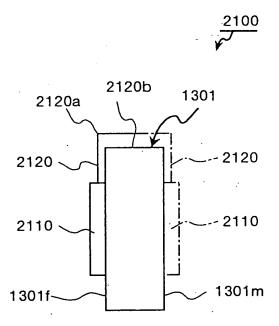


FIG.85

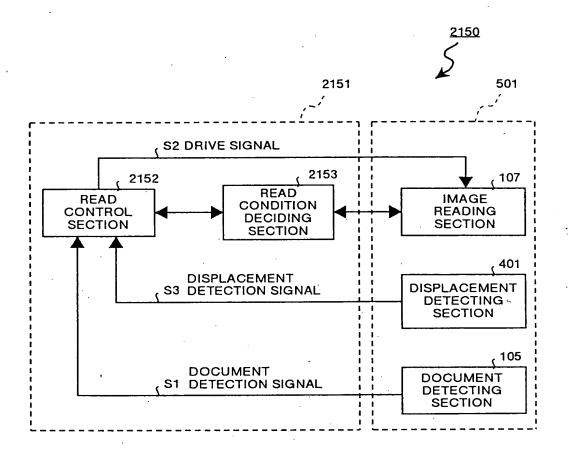


FIG.86

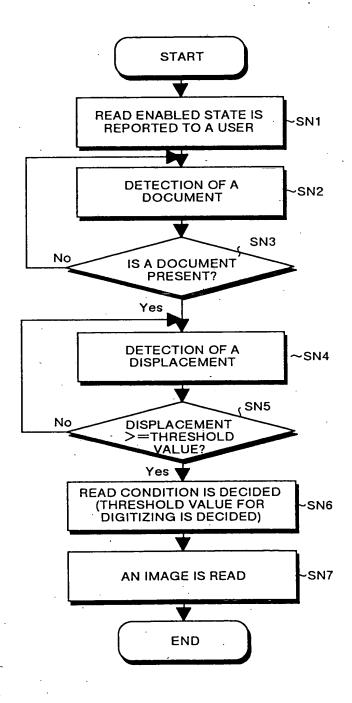


FIG.87

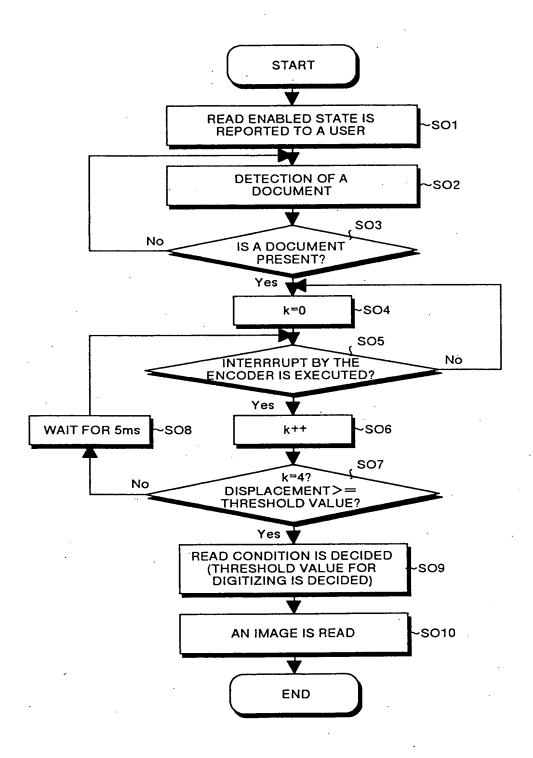
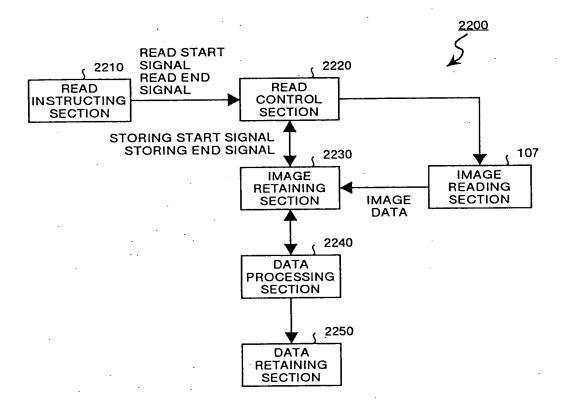
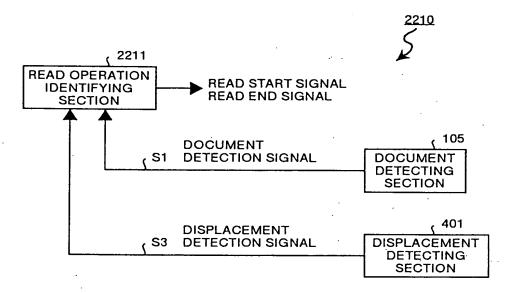
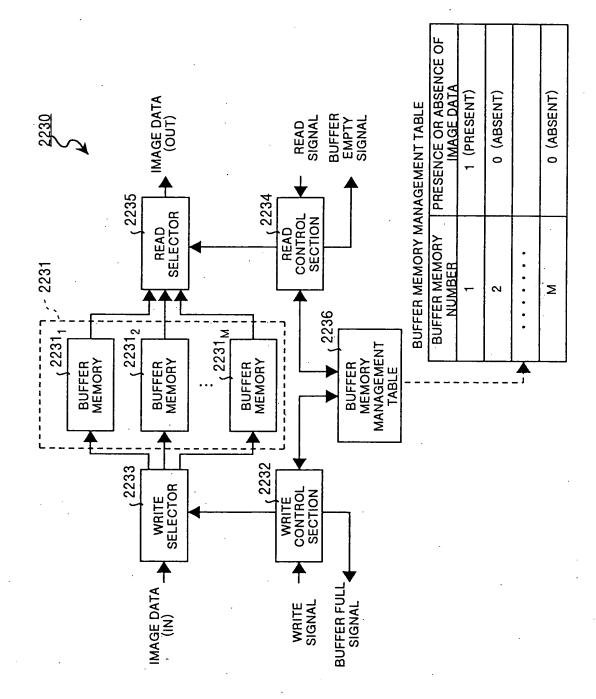


FIG.88







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FIG.91

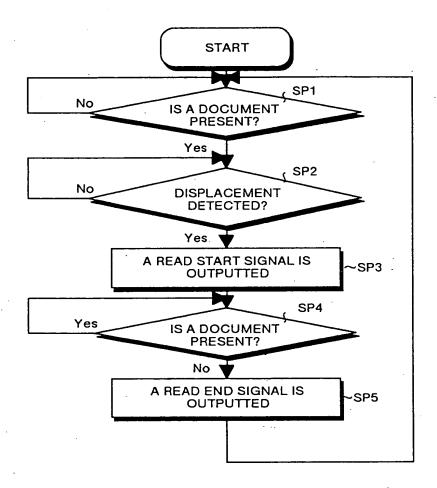


FIG.92

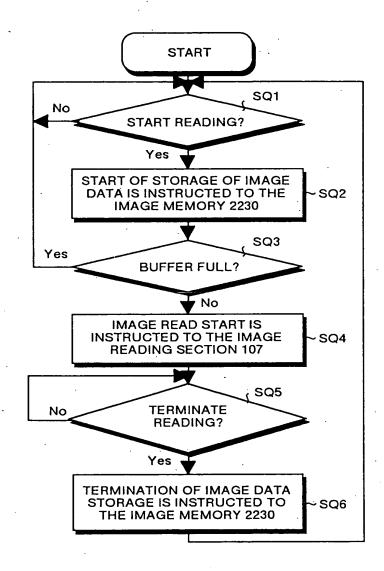


FIG.93

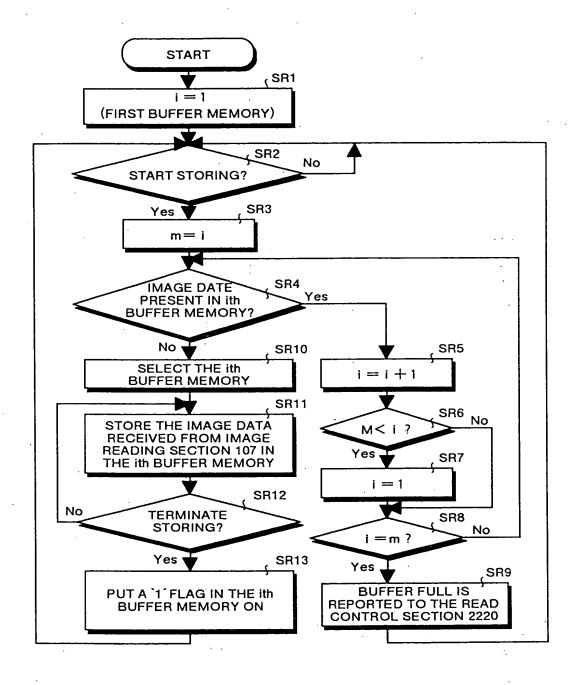
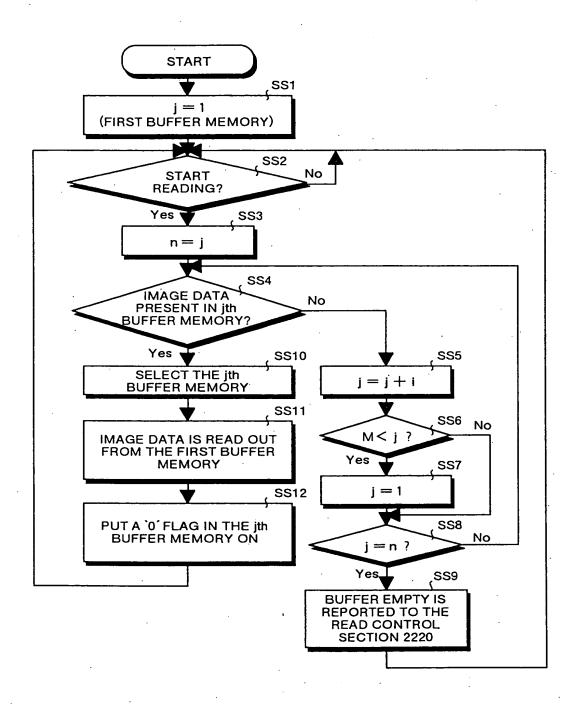


FIG.94





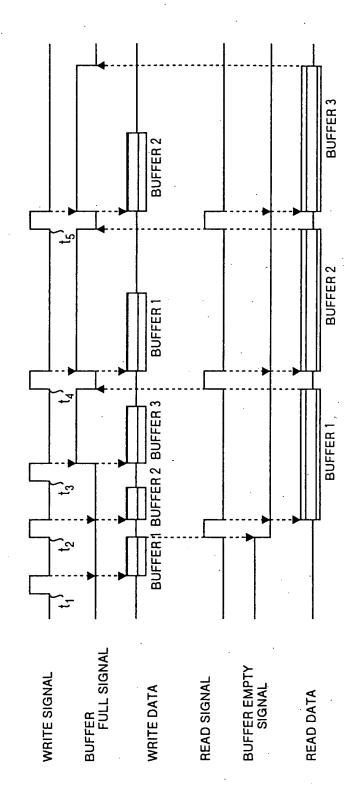


FIG.96

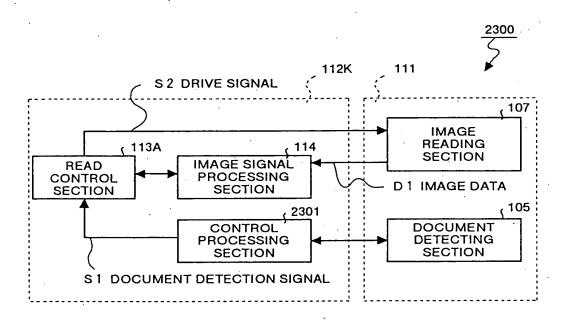


FIG.97

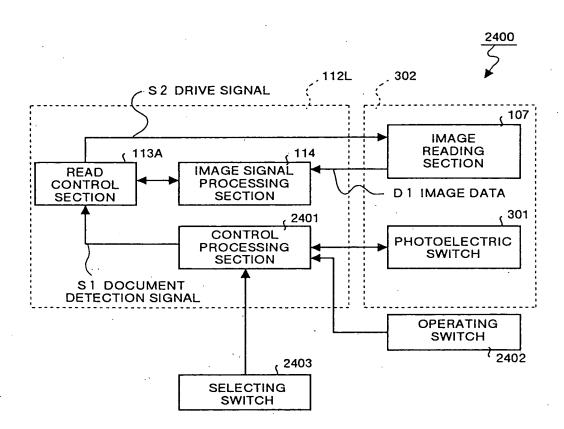
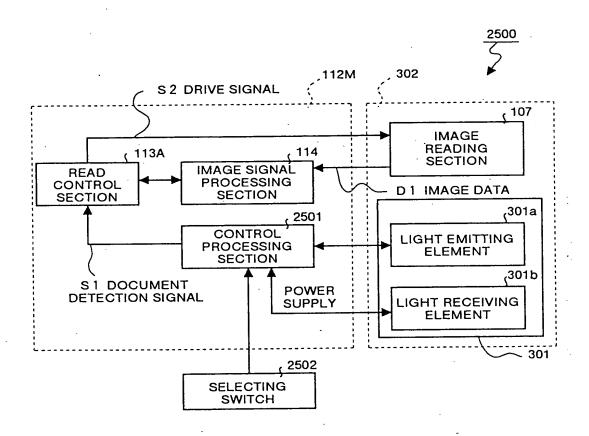


FIG.98



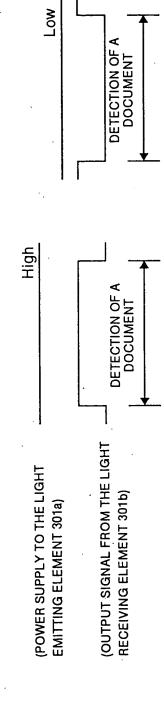
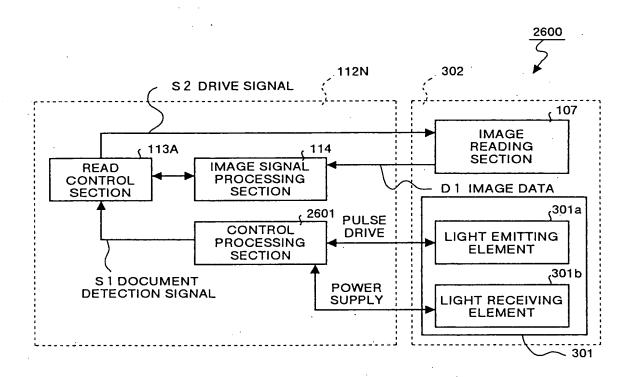


FIG 99

FIG.100



DISTURBING LIGHT ABSENT, POSITION OR DEVICE IN SPACE (LIGHT EMITTING ELEMENT 301a **OUTPUT LIGHT)** Low (LIGHT RECEIVING ELEMENT 301b **OUTPUT SIGNAL)** DISTURBING LIGHT ABSENT, POSITION OR DEVICE ON DOCUMENT (LIGHT EMITTING ELEMENT 301a **OUTPUT LIGHT**) (LIGHT RECEIVING ELEMENT 301b **OUTPUT SIGNAL)** DISTURBING LIGHT ABSENT, POSITION OR DEVICE IN SPACE (LIGHT EMITTING ELEMENT 301a **OUTPUT LIGHT)** High (LIGHT RECEIVING ELEMENT 301b **OUTPUT SIGNAL)**

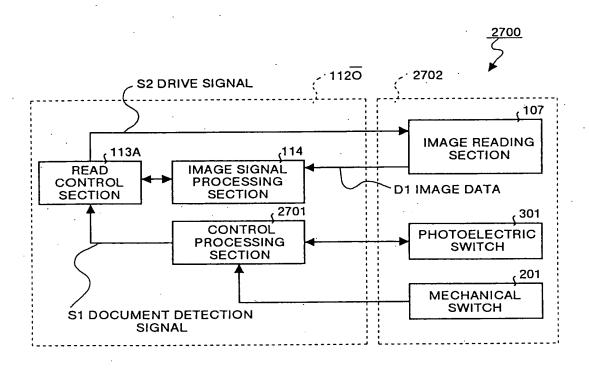
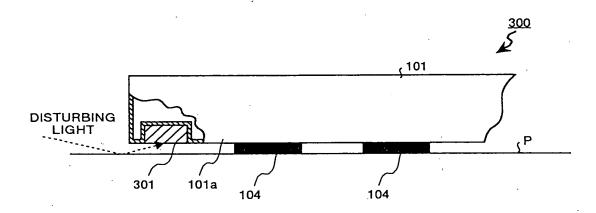
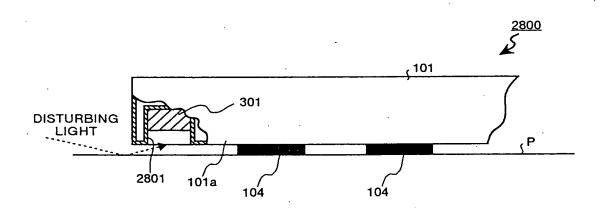
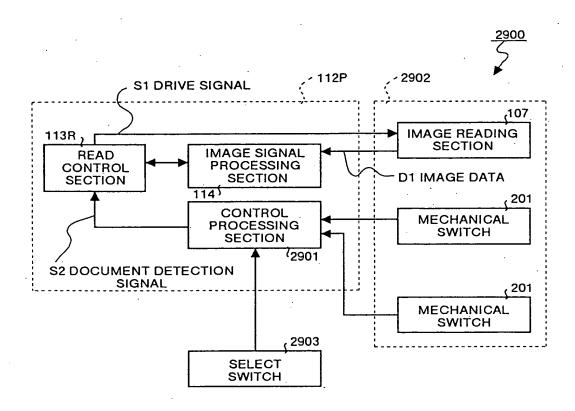
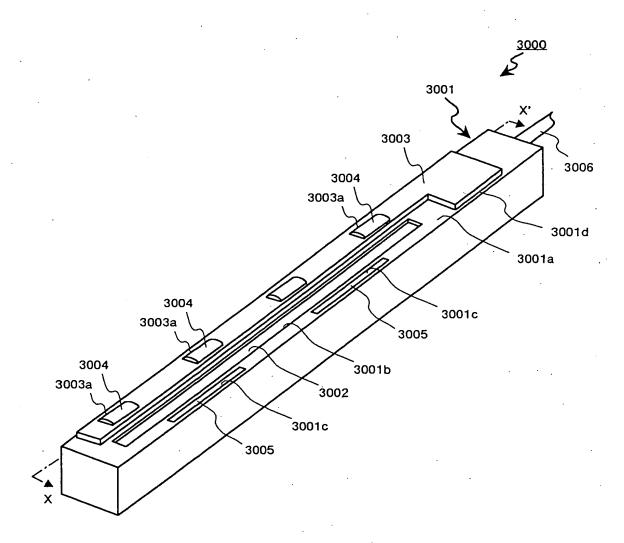


FIG.103











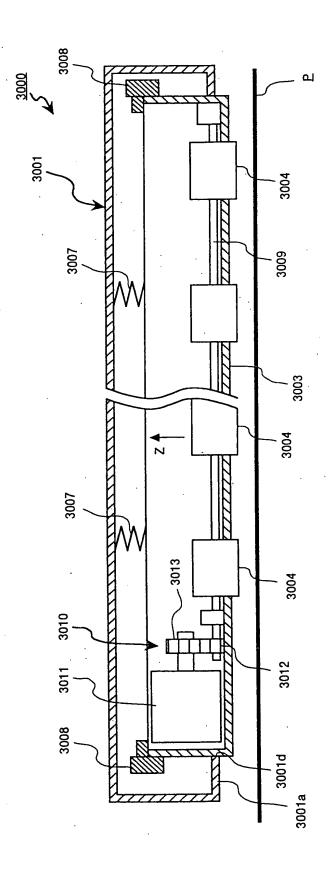


FIG.107

